

## Translating Calendar Years to Fiscal Years in a Quick Report

In quick reports, it is possible to translate calendar dates into NASA fiscal year dates for analytical and sorting purposes. Once a column has been added to the report to contain the translated date, the following formula (entered in the Formula Editor) will convert dates to the NASA fiscal year format:

**Year of( [Table]Date Field)+(Num(Month of( [Table]Date Field)>9))**

In the formula, substitute the text “[Table]Date Field” with the actual name of the table and date field that you want to display in the NASA fiscal year format.

This formula performs two main calculations:

1. **(Num(Month of( [Table]Date Field)>9))** tests the date to see if the month of the date is later than September. If it is, the statement is true and evaluates to **1**. If the statement is *NOT* true, the expression evaluates to **0** (false).
2. This number (1 or 0) is then added to the year of the date in question, **Year of( [Table]Date Field)** to convert it to the NASA fiscal year.

\* **NOTE** – this translated year can be used for sorting and other manipulations in the same way the original date field value can. See the tip on calculating numbers of distinct years in a quick report for other tips involving date fields.